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#03061 RP-1632 DRC

USER'S MANUAL

RP-1632DRC

10/100Mbps Fast Ethernet CardBus Adapter

USER'S GUIDE

Table of contents

1 UNPACKING INSTRUCTIONS 2

2 KEY FEATURES 3

2.1 HARDWARE OVERVIEW 3

2.1.1 RJ-45 Port 3

2.1.2 LED 3

2.1.3 100BASE-TX and 10BASE-T 3

2.1.4 Cable Type 3

3 INSTALLING THE ADAPTER 3

3.1 System Installation 3

3.2 Network Cable Connection 3

3.3 Diskette Software 4

4 SPECIFICATIONS 5

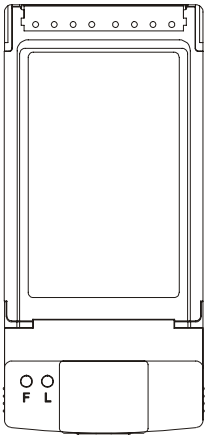
5 APPLICATIONS 5

1 UNPACKING INSTRUCTIONS

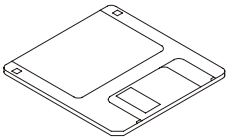
This product package should contain:

- One (1) Fast Ethernet CardBus Adapter.
- One (1) 3.5” Driver Diskette.
- This User’s Guide.

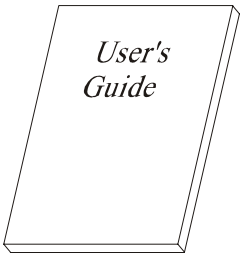
This product package has passed numerous quality checks to ensure it would be in perfect condition for your use. If anything has happened since then, please contact your place of purchase immediately.



Fast Ethernet CardBus Adapter



3.5” Driver Diskette



User’s Guide

2 KEY FEATURES

- 32-bit Data Transfers with Bus-Mastering.
- Max. 33Mhz Operation.
- Hot Swapping.
- Universal Compatibility and Easy Configuration.
- Auto-Negotiation Function.
- 3.3V power demand.

2.1 HARDWARE OVERVIEW

2.1.1 RJ-45 Port

This Fast Ethernet CardBus Adapter is capable of handling both 100BASE-TX and 10BASE-T network data. One (1) RJ-45 female socket is provided for twisted pair cable attachment. The socket has been shielded for improved EMI protection.

2.1.2 LED

The LED is located above the RJ-45 connector.

Name	Color	Function
L(LINK/ACT)	Green(Solid) Green(Blinking)	Link to 10 or 100Mbps. Traffic is being transmitted or received.
F(FULL)	Green(Solid)	Full mode on 10 or 100Mbps.

2.1.3 100BASE-TX and 10BASE-T

If users have an existing 10BASE-T LAN, it is likely they will easily be able to upgrade to 100BASE-TX. However, there are some important differences between the two (2) types of networks.

2.1.4 Cable Type

- 100BASE-TX only supports Cat.5 TP cable.
- 10BASE-T supports Cat.3, 4, or 5 TP cable.

Whenever installing new cable, use Cat.5 TP cable.

3 INSTALLING THE ADAPTER

The proper installation of these Fast Ethernet CardBus Adapters can be divided into three (3) phases:

- SYSTEM: Putting the Adapter into a computer.
- CABLE: Connecting the Adapter to the network.
- SOFTWARE: Installing and configuring the NOS driver.

3.1 System Installation

- Disconnect the computer's power supply.
- Open the computer.
- Save the screws!
- Remove the Adapter from the bag.
- Gently to insert this Adapter into the CardBus Slot.
- Press firmly, but do not bend the pins!
- Secure the Adapter bracket with the screws.
- Replace the computer's cover.

3.2 Network Cable Connection

- Plug one (1) end of a TP cable into the Adapter's RJ-45 socket.
- Plug the other end of the cable into any 100BASE-TX or 10BASE-T Hub port.

See 100BASE-TX and 10BASE-T section for details on cable type and length.

3.3 Diskette Software

The Driver Diskette included with this Fast Ethernet CardBus Adapter contains drivers for most major network operating systems (NOS). Two (2) important files are also included in the root directory. These files are README files.

- Step-by-Step instructions on installing drivers are located in the README files.
- For exact information, look in the Driver diskette's respective driver directory.

4 SPECIFICATIONS

Model	10/100Mbps Fast Ethernet CardBus Adapter
Standard Conformance	• IEEE 802.3 for 10BASE-T • IEEE 802.3u for 100BASE-TX
Host Interface	• PC Card 95 CardBus Standard
Ethernet Data Rate	• 10Mbps and 100Mbps via Auto-Negotiation
Media Connection	• One (1) RJ-45 female connector on board for network interface
Data Bus Access	• 32-bit Bus Mastering
I/O Address/ Interrupt	• Automatically assigned by BIOS or Card Service
LED Indicators	• L(Green): Link/Act • F(Green): Full
Environment	• Operating Temperature: 0° ~ 55° C (32° ~ 131°F) • Storage Temperature: -20° ~ 70° C (-4° ~ 158°F) • Humidity: 10% ~ 90% Non –Condensing
Dimensions	• 115.5 x 54.5 x 14.1 mm (4.54 x 2.14 x 0.55 inch)
Certification	• FCC Class B, VCCI Class B, CISPR 22 Class B, CE Mark
Immunity	• IEC801-2, IEC801-3, IEC801-4 - (IEC1000-4-2, IEC1000-4-3, IEC1000-4-4)

5 APPLICATIONS

Windows95/98/ME/2000/XP/NT4.0
Novell ODI
Linux
Packet Driver

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Part 15 of FCC Rules, which are designed to provide reasonable protection against electromagnetic interference in a commercial environment.
Changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE MARK WARNING

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.